STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

SEE SHEET 2 FOR INDEX OF SHEETS, IDOT HIGHWAY STANDARDS AND GENERAL NOTES

PROPOSED HIGHWAY PLANS FAU ROUTE 7708 (FIFTH STREET ROAD)

SURFACE TRANSPORTATION/URBAN PROGRAM W/ HPP FUNDING SECTION 98-00081-00-PV PROJECT NO. M-HPP-1391(003) LOGAN COUNTY FIFTH STREET ROAD C-96-300-12

TOLL FREE

JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (J.U.L.I.E.) TELEPHONE NUMBER CALL 811 OR 1-800-892-0123

1102 KEOKUK STREET LINCOLN, IL 62656 ROBERT DAVIS (217)424-4232

AMEREN/CILCO 400 LIMIT STREET LINCOLN, IL 62656 CHARLOTTE WALSCHLEGER (217)735-6909

VERIZON NORTH, INC. 110 E. MONROE STREET BLOOMINGTON, IL 61702 MARY RUTH WILLIS (309)827-1617

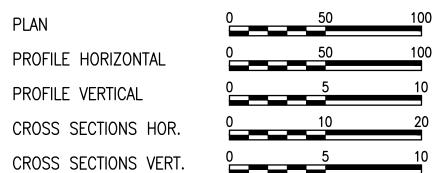
CITY OF LINCOLN 700 BROADWAY STREET LINCOLN, IL 62656 CLAY JOHNSON (217)732-2122

ILLINOIS AMERICAN WATER 1100 KEOKUK STREET LINCOLN, IL 62656 DAVE SCHONAUER (217)735-1269

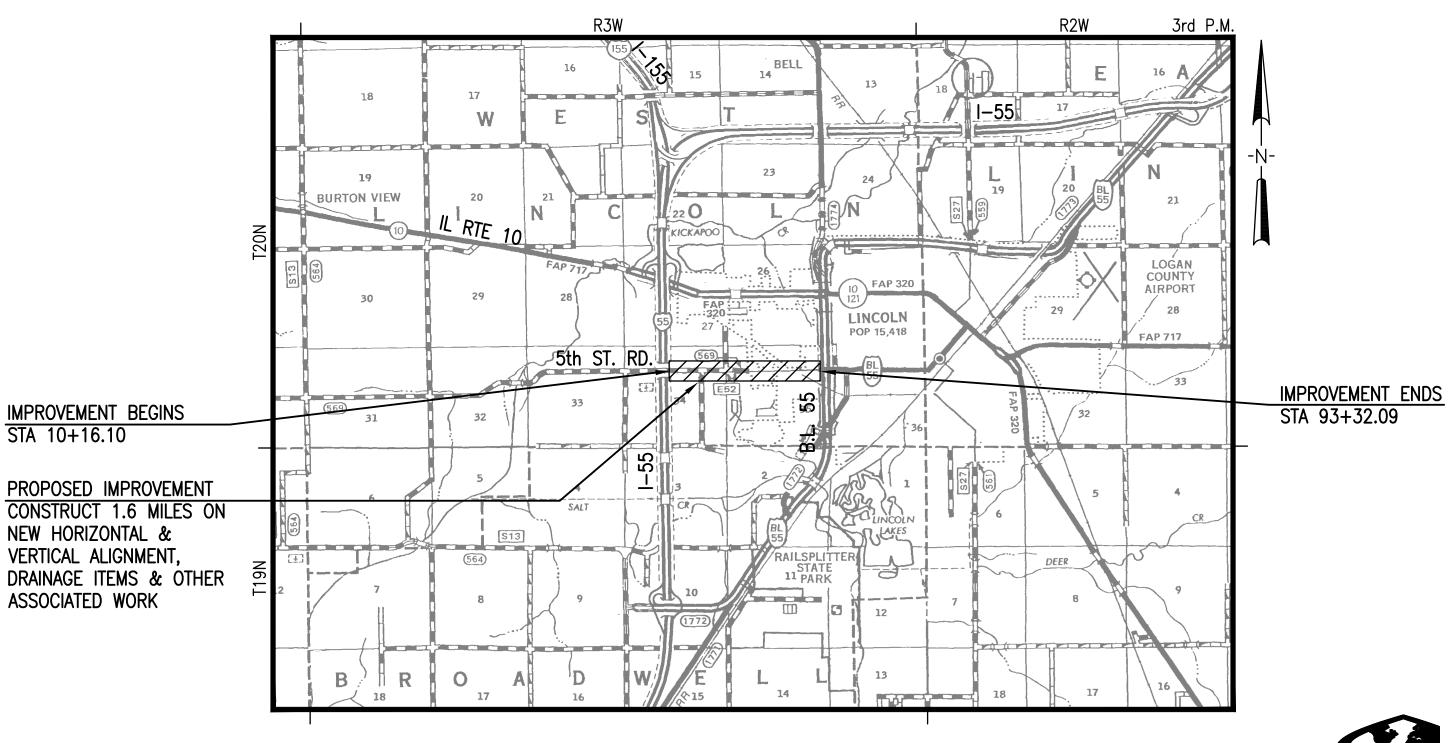
WILTEL COMMUNICATIONS BRYAN HANKINS (720)480-3364

UTILITY NOTE

THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES, REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.



DESIGN DESIGNATION: ADT = 7400 (27) DHV = 740 URBAN MINOR ARTERIAL DESIGN SPEED = 35 MPH



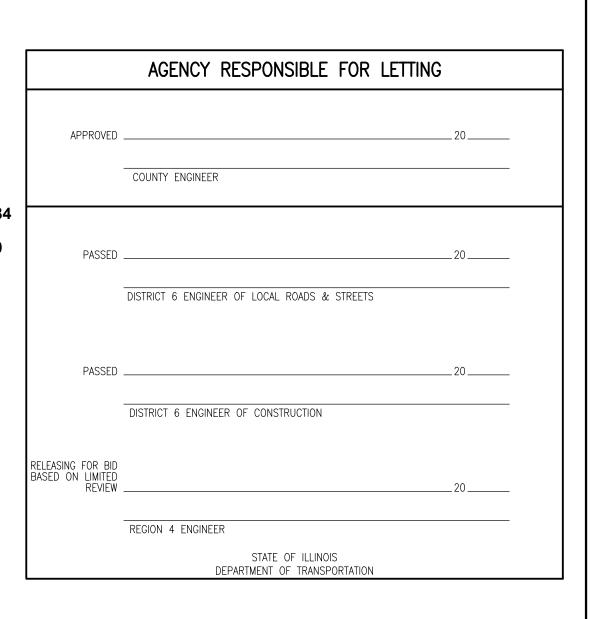
SCALE OF LAYOUT

LENGTH OF PROJECT:

FIFTH STREET ROAD = 8315.99 ft = 1.575 mi FOREST HILLS ROAD = 141.00 ft = 0.027 miCONNOLLEY ROAD = 205.00 ft = 0.039 miMEMORIAL PARK ROAD = 110.00 ft = 0.020 mi

Hanson Professional Services Inc. 1525 South Sixth Street, Springfield, IL 62703 Illinois Licensed Professional Design Firm #184.001084 Phone: 217-788-2450 Fax: 217-788-2503



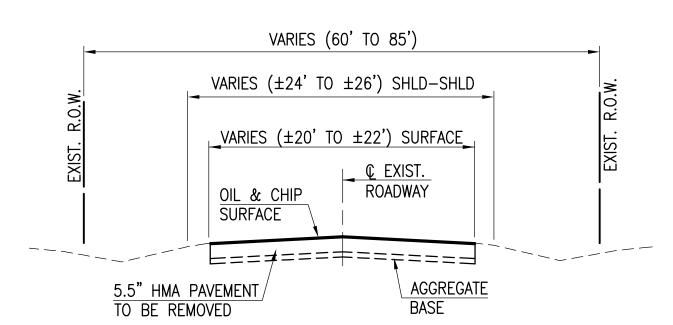


LOCATION OF SECTION INDICATED THUS: -

CONTRACT 93692 SHEET 1 OF 113

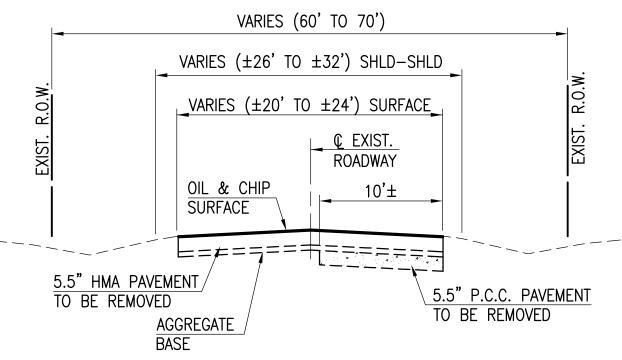
PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

SCALES TOTAL = 8771.99 ft = 1.661 mi



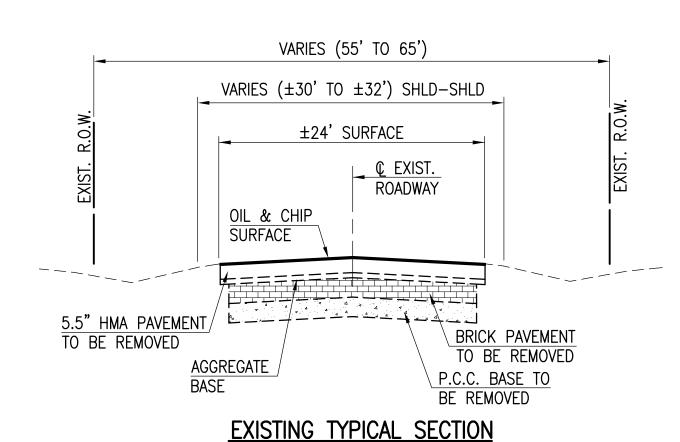
EXISTING TYPICAL SECTION 5th STREET ROAD

STA. 10+16.10 TO STA. 43+33.90±



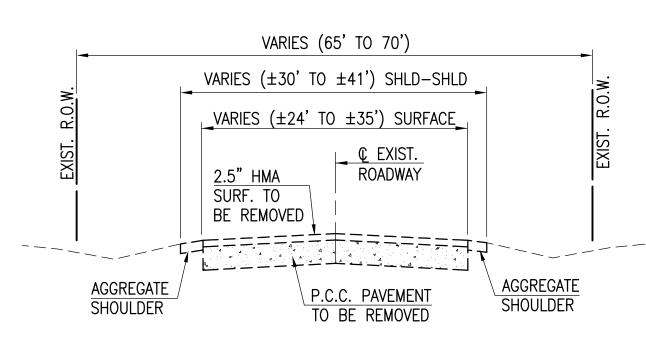
EXISTING TYPICAL SECTION 5th STREET ROAD

STA. 43+33.90± TO STA. 80+47.40±



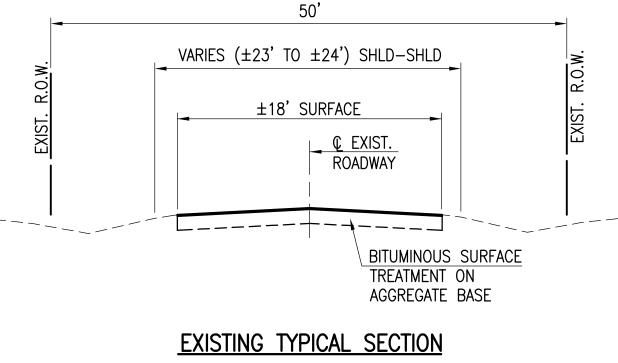
5th STREET ROAD

STA. 80+47.40± TO STA. 88+87.71±



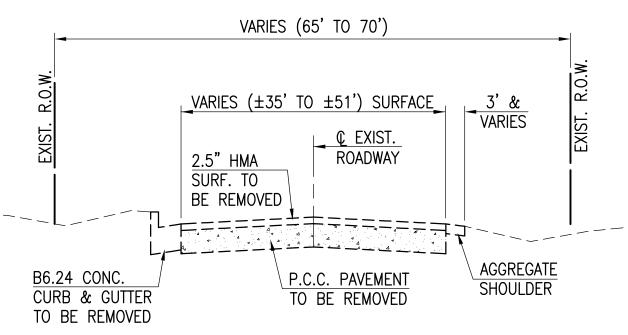
EXISTING TYPICAL SECTION 5th STREET ROAD

STA. 88+87.71± TO STA. 91+95.5±



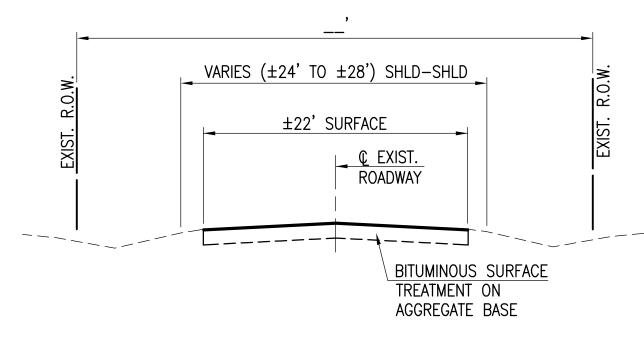
FOREST HILLS ROAD

STA. 98+59.00 TO STA. 100+00.00



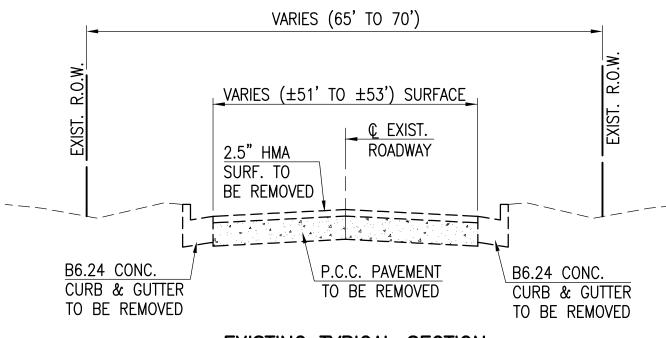
EXISTING TYPICAL SECTION 5th STREET ROAD

STA. 91+95.5± TO STA. 93+27.6±

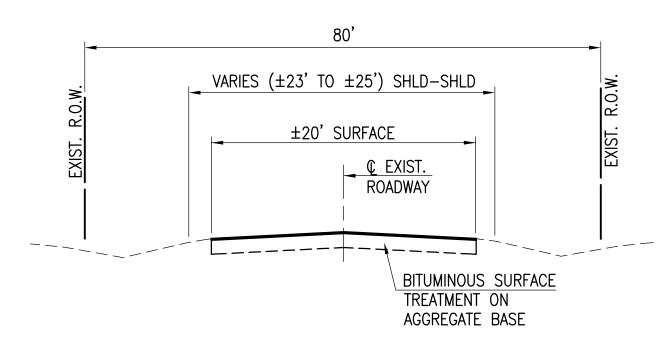


EXISTING TYPICAL SECTION CONNOLLEY ROAD

STA. 200+00.00 TO STA. 202+05.00



EXISTING TYPICAL SECTION 5th STREET ROAD STA. 93+27.6± TO 93+31.1±

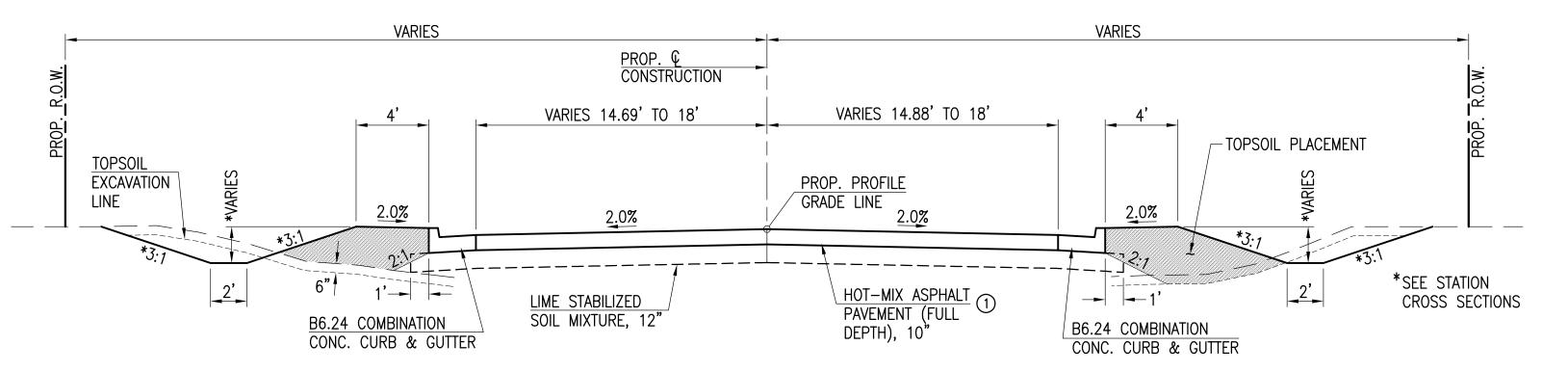


EXISTING TYPICAL SECTION MEMORIAL PARK ROAD

STA. 298+00.00 TO STA. 300+00.00

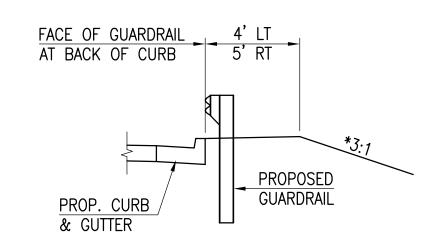
DESIGNED JDS REVISED HANSON STATE OF ILLINOIS REVISED DRAWN JDS DEPARTMENT OF TRANSPORTATION REVISED CHECKED - JWM SCALE: REVISED HANSON NO. 05S2092 9/16/2016

EXISTING TYPICAL SECTIONS SECTION COUNTY FIFTH STREET ROAD 113 4 7708 LOGAN 98-00081-00-PV LOGAN COUNTY CONTRACT NO. 93692 PAGE 1 OF 4 TO STA. FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT



PROPOSED TYPICAL SECTION 5th STREET ROAD

STA. 10+16.10 TO STA. 55+98.22

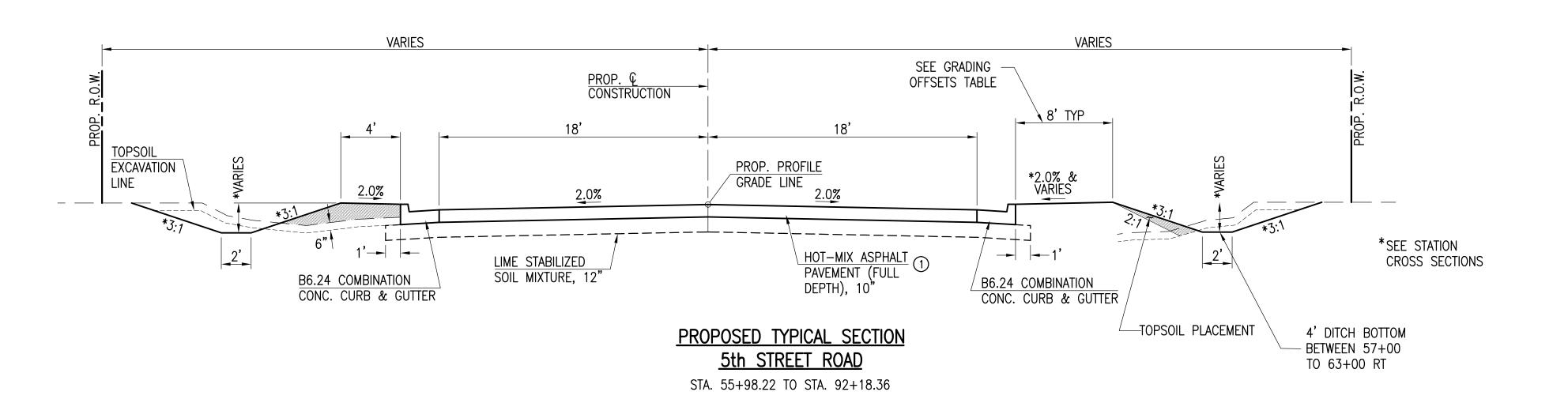


PROPOSED TYPICAL SECTION GUARDRAIL PLACEMENT

TERMINAL, TYPE 6: STA. 10+16.10 TO STA. 10+59.56, LT STA. 10+16.10 TO STA. 10+59.37, RT

GUARDRAIL, TYPE A: STA. 10+59.56 TO STA. 11+84.55, LT STA. 10+59.37 TO STA. 11+09.37, RT

TERMINAL, TYPE 1 (SPECIAL) TANGENT: STA. 11+84.55 TO STA. 12+34.54, LT STA. 11+09.37 TO STA. 11+59.36, RT



GRADING OFFSETS FROM BACK OF CURB				
STATION	STATION	OFFSET		
55+98.22	73+25.00	10.0'		
74+05.00	78+45.00	20.0'		
78+80.00	80+00.00	16.5		
80+20.00	82+65.00	14.5		
83+00.00	84+65.00	18.0'		
85+65.00	92+18.36	8.0'		
TADLE MOTEC				

<u>TABLE NOTES:</u>

- SEE GRADING TRANSITION DETAILS FOR OFFSET TRANSITIONS
- OFFSETS AND STATIONS
 ARE FROM PI'S OF TRANSITION
 CURVES

HOT-MIX ASPHALT MIXTURE REQUIREMENTS (MIXTURE 1)

TOP LIFT BINDER BOTTOM LIFT BINDER MIXTURE USE SURFACE LIFT AC/PG SBS PG 64-28 SBS PG 64.28 PG 64-22 DESIGN AIR VOIDS 4% @ N50 4% @ N50 4% @ N50 MIXTURE COMPOSITION IL-9.5 IL-19.0 IL-19.0 (GRADATION MIXTURE) FRICTION AGGREGATE MIX D ___ ___ QC/QA QC/QA QC/QA QUALITY MANANGEMENT MAX WEIGHT = 112 lbs/sq yd/in

1 5th STREET, FOREST HILLS, CONNOLLEY, WESTMINSTER EAST & WEST, MEMORIAL PARK & HOLLY

2" SURFACE LIFT

4" TOP LIFT BINDER 4" BOTTOM LIFT BINDER

<u>NOTES</u>

SCALE:

- 1. SEE DETAILS SHEET FOR MIXTURE REQUIREMENTS OF PROPOSED ENTRANCES.
- 2. THE NOMINAL COMPACTED THICKNESS OF HOT-MIX ASPHALT PAVEMENT AND AGGREGATE SURFACE COURSE IS SHOWN IN THE TYPICAL SECTION. THE CONSTRUCTED THICKNESS SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.

STRUCTURAL DESIGN INFORMATION

STRUCTURAL DESIGN TRAFFIC: YEAR 2026 PV=5880 SU=220 MU=160 ROAD/STREET CLASSIFICATION: CLASS II SUBGRADE SUPPORT RATING: SSR=____ PERCENT OF S.D.T. IN DESIGN LANE: P=94% SU=3.5% MU=2.5% TRAFFIC FACTOR: TF=0.772 AC TYPE = AC-__

WALLANGON		DESIGNED - JDS	REVISED -
CF HANSON		DRAWN - JDS	REVISED -
Hanson Professional Services Inc. 1525 South Sixth Street, Springfield, IL 62703		CHECKED — JWM	REVISED -
linois Licensed Professional Design Firm #184.001084	HANSON NO 0552002	DATE - 9/16/2016	REVISED _

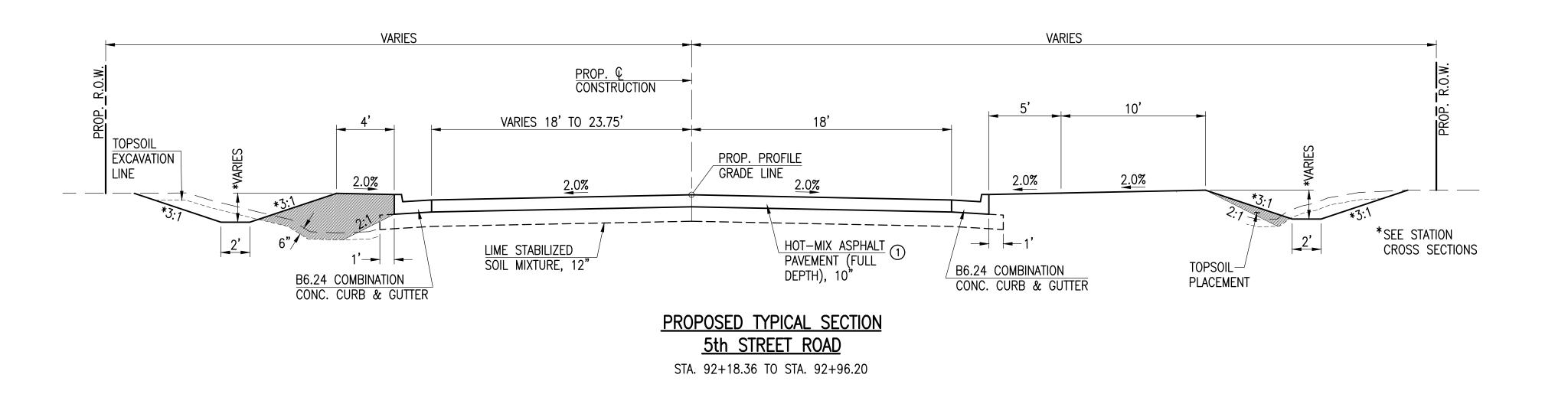
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

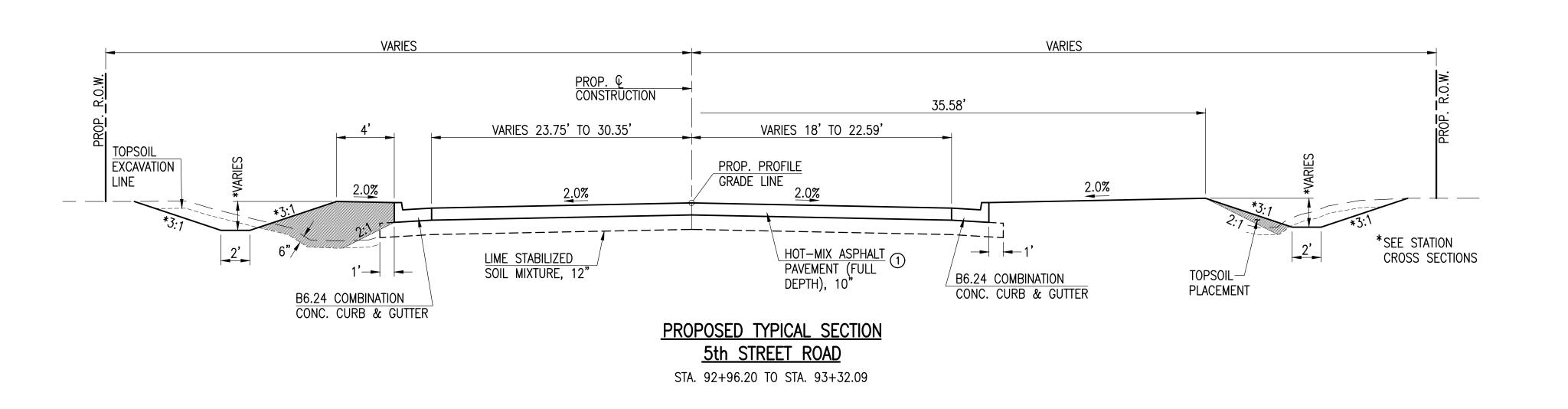
 PROPOSED TYPICAL SECTIONS
 F.A.U. RTE.
 S

 FIFTH STREET ROAD
 7708
 98-00

 LOGAN COUNTY
 TO STA.
 FED. ROAD DIST. NO.

05S2092\CADD\CIVIL\SHEET\C-502TYP.DWC

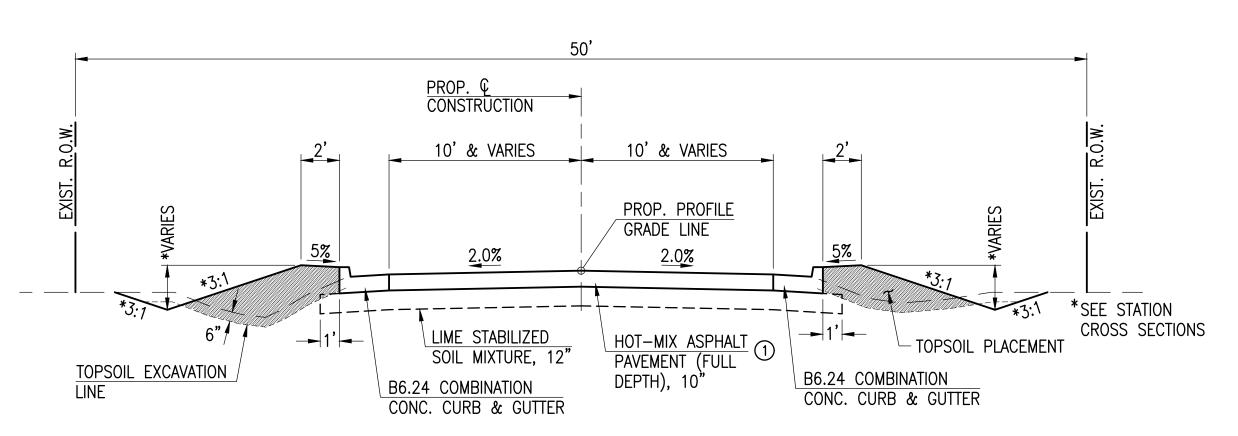




1 5th STREET, FOREST HILLS, CONNOLLEY, WESTMINSTER EAST & WEST, MEMORIAL PARK & HOLLY

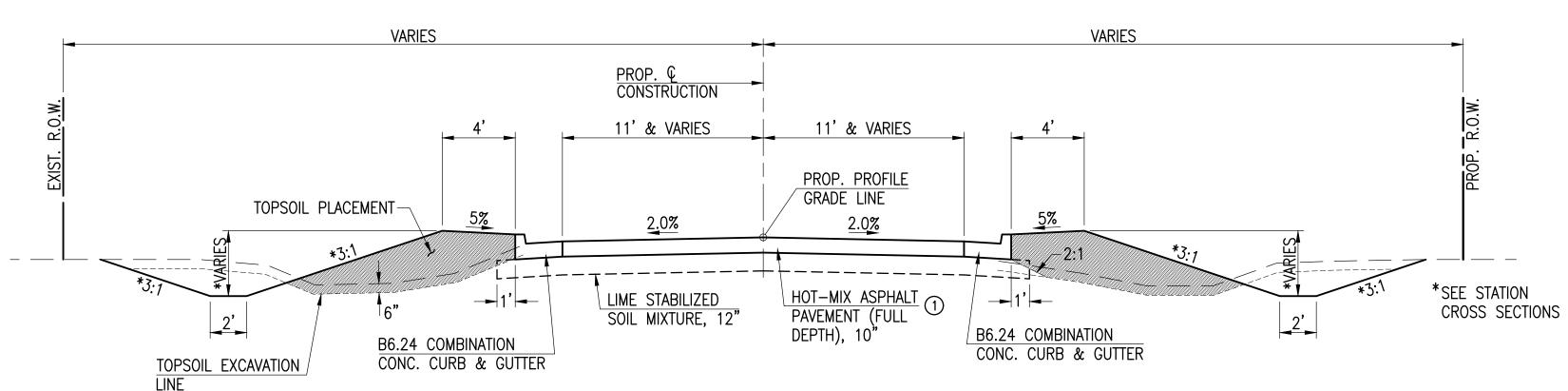
2" SURFACE LIFT
4" TOP LIFT BINDER
4" BOTTOM LIFT BINDER
[BITUMINOUS PRIME/RC 70 (FOG COAT) REQUIRED BETWEEN SUCCESSIVE LIFTS]

PROPOSED TYPICAL SECTIONS FIFTH STREET ROAD LOGAN COUNTY REVISED DESIGNED JDS HANSON SECTION COUNTY STATE OF ILLINOIS DRAWN REVISED JDS 7708 98-00081-00-PV LOGAN 113 6 Hanson Professional Services Inc. 1525 South Sixth Street, Springfield, IL 62703 Illinois Licensed Professional Design Firm #184.001084 © Copyright Hanson Professional Services Inc. 2020 DEPARTMENT OF TRANSPORTATION CHECKED JWM REVISED CONTRACT NO. 93692 PAGE 3 OF 4 9/16/2016 SCALE: TO STA. HANSON NO. 05S2092 DATE REVISED FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT



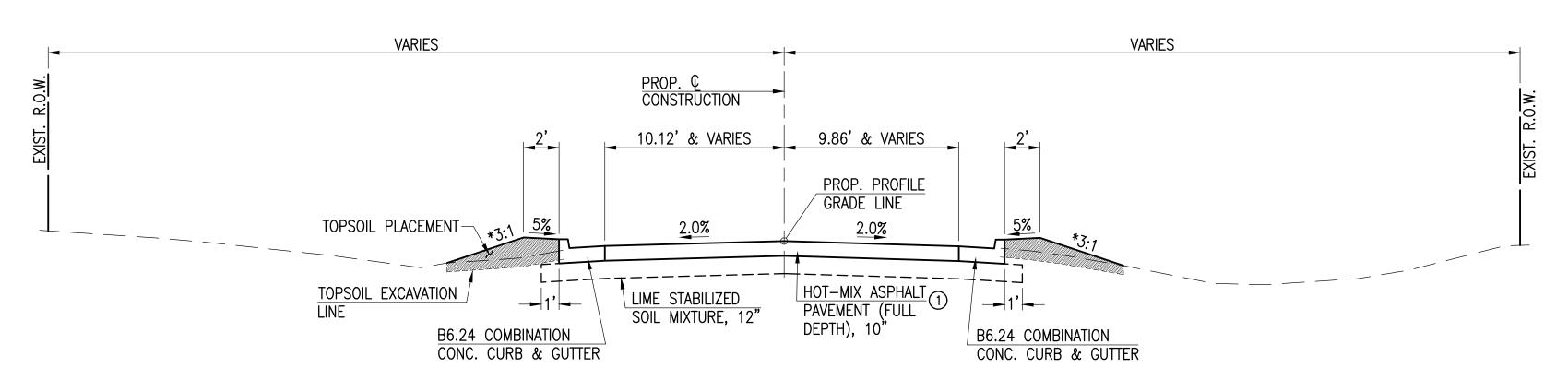
PROPOSED TYPICAL SECTION FOREST HILLS ROAD

STA. 98+59.00 TO STA. 100+00.00



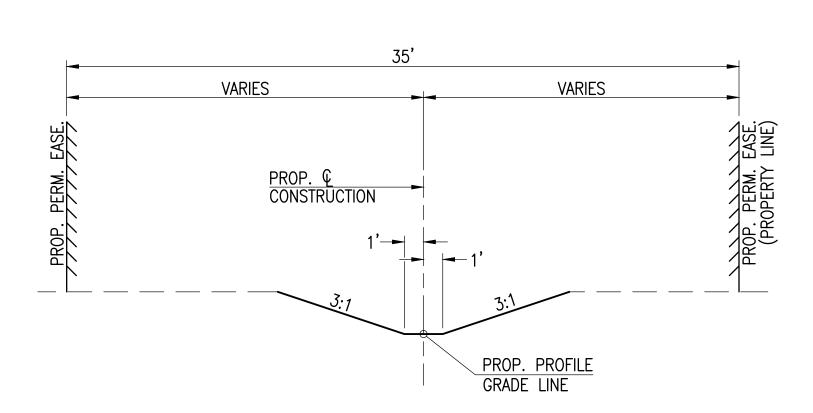
PROPOSED TYPICAL SECTION CONNOLLEY ROAD

STA. 200+00.00 TO STA. 202+05.00



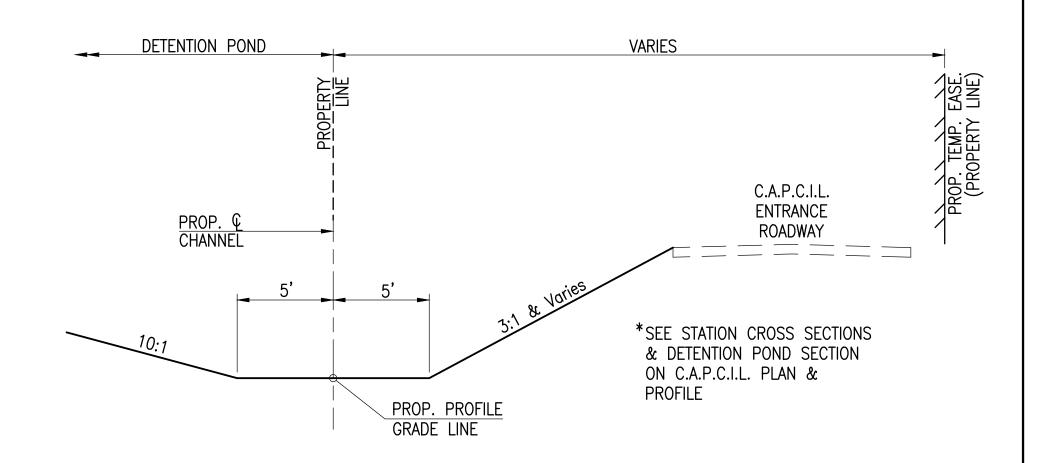
PROPOSED TYPICAL SECTION MEMORIAL PARK ROAD

STA. 298+90.00 TO STA. 300+00.00



PROPOSED TYPICAL SECTION GOLF COURSE DITCH

STA. 491+80.00 TO STA. 499+95.80



PROPOSED TYPICAL SECTION C.A.P.C.I.L. DITCH

STA. 600+06.06 TO STA. 603+25.74

1 5th STREET, FOREST HILLS, CONNOLLEY, WESTMINSTER EAST & WEST, MEMORIAL PARK & HOLLY

2" SURFACE LIFT
4" TOP LIFT BINDER
4" BOTTOM LIFT BINDER
[BITUMINOUS PRIME/RC 70 (FOG COAT)
REQUIRED BETWEEN SUCCESSIVE LIFTS]

Hanson Professional Services Inc.
1525 South Sixth Street, Springfield, IL 62703
Illinois Licensed Professional Design Firm #184.001084
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 CHECKED
 JWM
 REVISED

 HANSON NO. 05S2092
 DATE
 9/16/2016
 REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED TYPICAL SECTIONS
FIFTH STREET ROAD
LOGAN COUNTY
PAGE 4 OF 4 STA. TO STA.

SCALE:

F.A.U. SECTION COUNTY TOTAL SHEET NO. 7708 98-00081-00-PV LOGAN 113 7

CONTRACT NO. 93692

FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT

20, 2020 10:50 AM IOBS/0552003/CADD/CIVII/SHE

